IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/696,279

Filing Date: October 29, 2003

Applicant: Joseph D. Rainville

Group Art Unit: 1745

Examiner: Robert W. Hodge

Title: CENTRIFUGAL COMPRESSOR SURGE DETECTION

USING A BI-DIRECTIONAL MFM IN A FUEL CELL

SYSTEM

Attorney Docket: GP-303951

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Sir:

This is a Response to the Office Action mailed December 17, 2007 to which a response is due by February 17, 2008.

Amendments to the Claims begin on page 2 of this paper; and

Remarks begin on page 6.